

## PV Lithium-Ion Battery System

Table of component models used in the DesignKit

Code	Classification	Part No.	Manufacturer	SPEC
U1	Lithium-Ion Batteries Pack	PBT-BAT-0001	BAYSUN Co., Ltd.	3.7V x 4cells
U2	Solar Cell	SX330	BP Solar	Vmp=168V, Imp=1.78A

Simulation files are stored in folders, as shown in list below.

<b>Simulations</b>	<b>Folder name</b>
1. PV Li-Ion Battery Charger Circuit.....	charge-sol
2. Constant Current PV Li-Ion Battery Charger Circuit.....	charge-sol-const
3. PV-Battery System Simulation Circuit (SOC1=100).....	sol_24h_soc100
4. PV-Battery System Simulation Circuit (SOC1=70).....	sol_24h_soc70
5. PV-Battery System Simulation Circuit (SOC1=30).....	sol_24h_soc30
6. PV-Battery System Simulation Circuit (SOC1=10).....	sol_24h_soc10
7. PV-Battery System Simulation Circuit (SOC1=100, 15W).....	sol_24h_soc100_15w

※ Please copy the folder named “Simulations” to your PC. Library files (.lib) are already added.

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